| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | strrups 150c/c | 10MM | 1 | 2 | 19 | 1.48 | 0.617 | 34.70 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 10 | 1.48 | 0.39 | 11.54 | | |
| | strrups 150c/c | 8MM | 1 | 1 | 10 | 1.48 | 0.39 | 5.77 | | |
| | Spacer Bar | 20MM | 1 | 7 | 4 | 0.18 | 2.46 | 12.40 | | |
| | **B38** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 2 | 1 | 2 | 11.56 | 2.46 | 113.75 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 11.56 | 2.46 | 113.75 | | |
| | EX.bar top ends | 20MM | 2 | 4 | 3 | 6.16 | 2.46 | 363.69 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 2 | 9.66 | 2.46 | 95.05 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 46 | 1.48 | 0.617 | 84.01 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 19 | 1.48 | 0.617 | 34.70 | | |
| | Spacer Bar | 20MM | 2 | 6 | 2 | 0.18 | 2.46 | 10.63 | | |
| | **B32 to B33** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 10.95 | 2.46 | 107.75 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 10.95 | 2.46 | 107.75 | | |
| | EX.bar top ends | 20MM | 1 | 2 | 3 | 2.55 | 2.46 | 37.64 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 9.05 | 2.46 | 89.05 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 15 | 1.48 | 0.617 | 54.79 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 16 | 1.48 | 0.39 | 18.47 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 15 | 1.48 | 0.617 | 27.39 | | |
| | Spacer Bar | 20MM | 1 | 1 | 4 | 0.18 | 2.46 | 1.77 | | |
| | **B30A to B30B** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 11.47 | 2.46 | 112.86 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 11.47 | 2.46 | 112.86 | | |
| | EX.bar top | 20MM | 1 | 2 | 2 | 4.7 | 2.46 | 46.25 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 9.37 | 2.46 | 92.20 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 13 | 1.48 | 0.617 | 47.48 | | |
| | strrups 175c/c | 8MM | 1 | 2 | 24 | 1.48 | 0.39 | 27.71 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 15 | 1.48 | 0.617 | 27.39 | | |
| | Spacer Bar | 20MM | 1 | 1 | 6 | 0.18 | 2.46 | 2.66 | | |
| | **B16,B17,B28,B29** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 4 | 3 | 8.65 | 2.46 | 255.35 | | |
| | Main btm bar | 20MM | 1 | 4 | 3 | 8.65 | 2.46 | 255.35 | | |
| | EX.bar top | 20MM | 1 | 4 | 3 | 3.75 | 2.46 | 110.70 | | |
| | EX.bar bottom | 20MM | 1 | 4 | 2 | 6.95 | 2.46 | 136.78 | | |
| | strrups 150c/c | 10MM | 2 | 4 | 15 | 1.48 | 0.617 | 109.58 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | strrups 175c/c | 10MM | 1 | 4 | 14 | 1.48 | 0.617 | 51.14 | | |
| | strrups 150c/c | 10MM | 1 | 4 | 10 | 1.48 | 0.617 | 36.53 | | |
| | Spacer Bar | 20MM | 1 | 4 | 4 | 0.18 | 2.46 | 7.08 | | |
| | **B31** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 9.67 | 2.46 | 95.15 | | |
| | Main btm bar | 20MM | 1 | 2 | 3 | 9.67 | 2.46 | 142.73 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 3 | 6.12 | 2.46 | 90.33 | | |
| | strrups 100c/c | 10MM | 2 | 2 | 23 | 1.78 | 0.617 | 101.04 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 23 | 1.78 | 0.617 | 50.52 | | |
| | Spacer Bar | 20MM | 1 | 1 | 2 | 0.18 | 2.46 | 0.89 | | |
| | **B18 to B22** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 27.99 | 2.46 | 137.71 | | |
| | Main btm bar | 20MM | 1 | 1 | 2 | 27.99 | 2.46 | 137.71 | | |
| | EX.bar top middle | 20MM | 1 | 2 | 2 | 3.15 | 2.46 | 31.00 | | |
| | EX.bar top middle | 20MM | 1 | 2 | 2 | 4.1 | 2.46 | 40.34 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 2.7 | 2.46 | 26.57 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 4.87 | 2.46 | 47.92 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 5.15 | 2.46 | 50.68 | | |
| | strrups 150c/c | 8MM | 1 | 4 | 8 | 1.48 | 0.39 | 18.47 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 8 | 1.48 | 0.39 | 9.24 | | |
| | strrups 150c/c | 8MM | 1 | 4 | 14 | 1.48 | 0.39 | 32.32 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 15 | 1.48 | 0.39 | 17.32 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 14 | 1.48 | 0.39 | 16.16 | | |
| | strrups 150c/c | 8MM | 1 | 1 | 16 | 1.48 | 0.39 | 9.24 | | |
| | Spacer Bar | 20MM | 1 | 5 | 2 | 0.18 | 2.46 | 4.43 | | |
| | **B34 to B36** | | | | | | | | | |
| | Main top bar | 20MM | 2 | 1 | 2 | 18.32 | 2.46 | 180.27 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 18.32 | 2.46 | 180.27 | | |
| | EX.bar top middle | 20MM | 2 | 2 | 2 | 3.1 | 2.46 | 61.01 | | |
| | EX.bar top middle | 20MM | 2 | 2 | 2 | 3.5 | 2.46 | 68.88 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 1.2 | 2.46 | 23.62 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 4.52 | 2.46 | 88.95 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 8.7 | 2.46 | 171.22 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 8 | 1.48 | 0.39 | 18.47 | | |
| | strrups 175c/c | 8MM | 2 | 1 | 8 | 1.48 | 0.39 | 9.24 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | strrups 150c/c | 10MM | 2 | 2 | 14 | 1.48 | 0.617 | 51.14 | | |
| | strrups 175c/c | 8MM | 2 | 1 | 15 | 1.48 | 0.39 | 17.32 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 5 | 1.48 | 0.617 | 18.26 | | |
| | strrups 175c/c | 8MM | 2 | 1 | 8 | 1.48 | 0.39 | 9.24 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 14 | 1.48 | 0.617 | 51.14 | | |
| | strrups 175c/c | 8MM | 2 | 1 | 16 | 1.48 | 0.39 | 18.47 | | |
| | Spacer Bar | 20MM | 1 | 2 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B23,B24** | | | | | | | | | |
| | Main top bar | 12MM | 2 | 1 | 2 | 4.9 | 2.46 | 48.22 | | |
| | Main btm bar | 16MM | 2 | 1 | 2 | 4.9 | 2.46 | 48.22 | | |
| | EX.bar bottom | 16MM | 2 | 1 | 2 | 2.7 | 2.46 | 26.57 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 8 | 1.48 | 0.617 | 29.22 | | |
| | strrups 200c/c | 8MM | 2 | 1 | 8 | 1.48 | 0.617 | 14.61 | | |
| | Spacer Bar | 20MM | 1 | 2 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B25 to B27** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 20.79 | 2.46 | 102.29 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 20.79 | 2.46 | 204.57 | | |
| | EX.bar top middle | 20MM | 1 | 1 | 3 | 4.1 | 2.46 | 30.26 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 3 | 4.87 | 2.46 | 35.94 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 2 | 5.15 | 2.46 | 25.34 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 2 | 4.87 | 2.46 | 23.96 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 14 | 1.48 | 0.617 | 25.57 | | |
| | strrups 175c/c | 8MM | 1 | 2 | 14 | 1.48 | 0.39 | 16.16 | | |
| | strrups 150c/c | 10MM | 1 | 1 | 14 | 1.48 | 0.617 | 12.78 | | |
| | strrups 175c/c | 8MM | 1 | 1 | 15 | 1.48 | 0.39 | 8.66 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 14 | 1.48 | 0.617 | 25.57 | | |
| | strrups 175c/c | 8MM | 1 | 1 | 16 | 1.48 | 0.39 | 9.24 | | |
| | Spacer Bar | 20MM | 1 | 3 | 4 | 0.18 | 2.46 | 5.31 | | |
| | **B37** | | | | | | | | | |
| | Main top bar | 20MM | 2 | 1 | 3 | 8.45 | 2.46 | 124.72 | | |
| | Main btm bar | 20MM | 2 | 1 | 3 | 8.45 | 2.46 | 124.72 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 3 | 5 | 2.46 | 73.80 | | |
| | strrups 100c/c | 10MM | 2 | 2 | 20 | 1.78 | 0.617 | 87.86 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 18 | 1.78 | 0.617 | 39.54 | | |
| | Spacer Bar | 20MM | 2 | 1 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B39 to B40** | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Main top bar | 20MM | 2 | 1 | 2 | 14.2 | 2.46 | 139.73 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 14.2 | 2.46 | 139.73 | | |
| | Ex.bar top | 20MM | 2 | 1 | 3 | 4.45 | 2.46 | 65.68 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 3 | 9.85 | 2.46 | 145.39 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 12 | 1.78 | 0.617 | 52.72 | | |
| | strrups 175c/c | 10MM | 2 | 1 | 8 | 1.78 | 0.617 | 17.57 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 14 | 1.78 | 0.617 | 61.50 | | |
| | strrups 175c/c | 10MM | 2 | 1 | 12 | 1.78 | 0.617 | 26.36 | | |
| | Spacer Bar | 20MM | 2 | 1 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **BA** | | | | | | | | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 8.35 | 2.46 | 41.08 | | |
| | Main btm bar | 20MM | 1 | 1 | 2 | 8.35 | 2.46 | 41.08 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 3 | 5.25 | 2.46 | 38.75 | | |
| | strrups 100c/c | 10MM | 1 | 2 | 21 | 1.78 | 0.617 | 46.13 | | |
| | strrups 150c/c | 10MM | 1 | 1 | 18 | 1.78 | 0.617 | 19.77 | | |
| | **Ground roof slab** | | | | | | | | | |
| | **B7,8 to G7,8 & H7,H8 to M7,M8** | | | | | | | | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 22 | 17.92 | 0.617 | 486.49 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 22 | 17.2 | 0.617 | 466.95 | | |
| | Dis. bar | 10MM | 1 | 2 | 108 | 7.35 | 0.617 | 979.55 | | |
| | Ex.bar Ends | 10MM | 2 | 2 | 46 | 1.93 | 0.617 | 219.11 | | |
| | Dis. bar | 10MM | 1 | 4 | 14 | 7.1 | 0.617 | 245.32 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 46 | 3.5 | 0.617 | 397.35 | | |
| | Dis. bar | 10MM | 1 | 4 | 24 | 7.1 | 0.617 | 420.55 | | |
| | chairs 1000 c/c | 10MM | 6 | 2 | 8 | 1.5 | 0.617 | 88.85 | | |
| | **passage** | | | | | | | | | |
| | **A6,A7 to N6,N7** | | | | | | | | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 29 | 2.99 | 0.617 | 107.00 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 28 | 2.75 | 0.617 | 95.02 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 86 | 3.2 | 0.617 | 169.80 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 86 | 2.96 | 0.617 | 157.06 | | |
| | Dis. bar | 10MM | 1 | 1 | 15 | 44 | 0.617 | 407.22 | | |
| | Dis. bar | 10MM | 1 | 1 | 5 | 26.9 | 0.617 | 82.99 | | |
| | Ex.bar Ends | 10MM | 1 | 4 | 15 | 1.95 | 0.617 | 72.19 | | |
| | Dis. bar | 10MM | 1 | 4 | 24 | 2.55 | 0.617 | 151.04 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 20 | 3 | 0.617 | 148.08 | | |
| | Dis. bar | 10MM | 1 | 4 | 21 | 3.36 | 0.617 | 174.14 | | |
| | ~~chairs 1000 c/c~~ | ~~10MM~~ | 1 | 2 | 44 | 1.5 | 0.617 | 81.44 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | **A2,A5 to C2,C5 & L2,L5 to N2,N5** | | | | | | | | | |
| | Main bar 150c/c | 12MM | 1 | 2 | 26 | 9.14 | 0.888 | 422.05 | | |
| | Main bar 150c/c | 12MM | 1 | 2 | 26 | 8.9 | 0.888 | 410.97 | | |
| | Dis. bar | 10MM | 1 | 2 | 84 | 8.02 | 0.617 | 831.32 | | |
| | Ex.bar 150c/c | 10MM | 1 | 2 | 10 | 3.5 | 0.617 | 43.19 | | |
| | Ex.bar 100c/c | 10MM | 1 | 2 | 70 | 3.5 | 0.617 | 302.33 | | |
| | Dis. bar | 10MM | 1 | 4 | 32 | 9.75 | 0.617 | 770.02 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 52 | 2.4 | 0.617 | 308.01 | | |
| | Dis. bar | 10MM | 1 | 4 | 17 | 8.02 | 0.617 | 336.49 | | |
| | concealed Beam | | | | | | | | | |
| | Main bar | 16MM | 1 | 1 | 4 | 7.25 | 1.58 | 45.82 | | |
| | | 12MM | 1 | 1 | 4 | 7.25 | 0.888 | 25.75 | | |
| | Strrups 150c/c | 8MM | 1 | 1 | 43 | 47 | 0.39 | 788.19 | | |
| | chairs 1000 c/c | 10MM | 2 | 2 | 8 | 1.5 | 0.617 | 29.62 | | |
| | **D3,D5 to I3I5** | | | | | | | | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 20.51 | 0.617 | 404.95 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 19.79 | 0.617 | 390.73 | | |
| | Dis. bar | 10MM | 1 | 1 | 84 | 6.7 | 0.617 | 347.25 | | |
| | Ex.bar 150c/c | 10MM | 1 | 2 | 64 | 2.3 | 0.617 | 181.64 | | |
| | Dis. bar | 10MM | 1 | 2 | 21 | 6.7 | 0.617 | 173.62 | | |
| | Ex.bar 100c/c | 10MM | 1 | 2 | 64 | 4.1 | 0.617 | 323.80 | | |
| | Dis. bar | 10MM | 1 | 4 | 32 | 6.7 | 0.617 | 529.14 | | |
| | Ex.bar 100c/c | 10MM | 1 | 2 | 42 | 9.3 | 0.617 | 482.00 | | |
| | Dis. bar | 10MM | 1 | 2 | 21 | 11.9 | 0.617 | 308.38 | | |
| | Ex.bar 100c/c | 10MM | 1 | 1 | 66 | 14.5 | 0.617 | 590.47 | | |
| | Dis. bar | 10MM | 1 | 1 | 32 | 17.1 | 0.617 | 337.62 | | |
| | concealed Beam | | | | | | | | | |
| | Main bar | 16MM | 1 | 1 | 4 | 19.69 | 1.58 | 124.44 | | |
| | | 12MM | 1 | 1 | 4 | 19.69 | 0.888 | 69.94 | | |
| | Strrups 150c/c | 8MM | 1 | 1 | 132 | 1.08 | 0.39 | 55.60 | | |
| | chairs 1000 c/c | 10MM | 3 | 2 | 8 | 1.5 | 0.617 | 44.42 | | |
| | **Portico** | | | | | | | | | |
| | Main bar 150c/c | 12MM | 1 | 1 | 20 | 7.29 | 0.888 | 129.47 | | |
| | Main bar 150c/c | 12MM | 1 | 1 | 20 | 7.05 | 0.888 | 125.21 | | |
| | Dis. bar | 12MM | 1 | 1 | 45 | 6.3 | 0.888 | 251.75 | | |
| | Ex.bar 150c/c | 12MM | 1 | 1 | 84 | 6.7 | 0.888 | 499.77 | | |
| | Dis. bar | 12MM | 1 | 2 | 64 | 2.3 | 0.888 | 261.43 | | |
| | typ 150c/c | 12MM | 1 | 2 | 41 | 1.7 | 0.888 | 123.79 | | |
| | | 12MM | 1 | 2 | 11 | 6.3 | 0.888 | 123.08 | | |

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|---|---|---|---|---|---|---|---|---|
| concealed Beam | | | | | | | | |
| Main bar | 16MM | 1 | 1 | 4 | 6.3 | 1.58 | 39.82 | |
| | 12MM | 1 | 1 | 4 | 6.3 | 0.888 | 22.38 | |
| Strrups 150c/c | 8MM | 1 | 1 | 43 | 1.08 | 0.39 | 18.11 | |
| Beam bottom slab | 12MM | 1 | 2 | 46 | 1 | 0.888 | 547.36 | |
| | 12MM | 1 | 2 | 5 | 6.7 | 0.888 | 8.88 | |
| | 12MM | 1 | 1 | 55 | 1 | 0.888 | 48.84 | |
| chairs 1000 c/c | 10MM | 1 | 4 | 6 | 1.5 | 0.617 | 22.21 | |
| slab projaction | | | | | | | 0.00 | |
| Main bar 150c/c | 10MM | 1 | 14 | 10 | 1.3 | 0.617 | 112.29 | |
| Dis. bar 150c/c | 8MM | 1 | 14 | 8 | 1.4 | 0.39 | 61.15 | |
| Main bar 150c/c | 10MM | 1 | 1 | 15 | 1.3 | 0.617 | 12.03 | |
| Dis. bar 150c/c | 8MM | 1 | 1 | 8 | 2.05 | 0.39 | 6.40 | |
| Main bar 150c/c | 10MM | 1 | 1 | 11 | 1.3 | 0.617 | 8.82 | |
| Dis. bar 150c/c | 8MM | 1 | 1 | 8 | 1.5 | 0.39 | 4.68 | |
| **First Floor** | | | | | | | | |
| C1 COLUMN | 12MM | 1 | 4 | 8 | 3.47 | 0.888 | 98.60 | |
| Strrups 190c/c | 8MM | 1 | 4 | 19 | 1.86 | 0.39 | 55.13 | |
| Strrups 190c/c | 8MM | 1 | 4 | 19 | 1.44 | 0.39 | 42.68 | |
| C2 COLUMN | 16MM | 1 | 18 | 10 | 3.47 | 1.58 | 986.87 | |
| Strrups 190c/c | 8MM | 1 | 18 | 19 | 1.86 | 0.39 | 248.09 | |
| Strrups 190c/c | 8MM | 1 | 18 | 19 | 1.44 | 0.39 | 192.07 | |
| Strrups 190c/c | 8MM | 1 | 18 | 19 | 1.14 | 0.39 | 152.05 | |
| C3 COLUMN | 20MM | 1 | 6 | 10 | 3.47 | 2.46 | 512.17 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.86 | 0.39 | 82.70 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.44 | 0.39 | 64.02 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.14 | 0.39 | 50.68 | |
| C4 COLUMN | 20MM | 1 | 6 | 12 | 3.47 | 2.46 | 614.61 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.86 | 0.39 | 82.70 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.44 | 0.39 | 64.02 | |
| Strrups 190c/c | 8MM | 1 | 6 | 19 | 1.14 | 0.39 | 50.68 | |
| C5 COLUMN | 16MM | 1 | 2 | 8 | 3.47 | 1.58 | 87.72 | |
| Strrups 190c/c | 8MM | 1 | 2 | 19 | 1.48 | 0.39 | 21.93 | |
| Strrups 190c/c | 8MM | 1 | 2 | 19 | 1.06 | 0.39 | 15.71 | |
| **Second Roof laping** | | | | | | | 0.00 | |
| C1 COLUMN | 12MM | 1 | 4 | 8 | 0.72 | 0.888 | 20.46 | |
| Strrups 190c/c | 8MM | 1 | 4 | 4 | 1.86 | 0.39 | 11.61 | |
| Strrups 190c/c | 8MM | 1 | 4 | 4 | 1.44 | 0.39 | 8.99 | |
| C2 COLUMN | 16MM | 1 | 18 | 10 | 1 | 1.58 | 284.40 | |
| Strrups 190c/c | 8MM | 1 | 18 | 5 | 1.86 | 0.39 | 65.29 | |
| Strrups 190c/c | 8MM | 1 | 18 | 5 | 1.44 | 0.39 | 50.54 | |
| Strrups 190c/c | 8MM | 1 | 18 | 5 | 1.14 | 0.39 | 40.01 | |
| C3 COLUMN | 20MM | 1 | 6 | 6 | 1.2 | 2.46 | 106.27 | |
| Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.86 | 0.39 | 26.11 | |
| Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.44 | 0.39 | 20.22 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.14 | 0.39 | 16.01 | | |
| | C4 COLUMN | 20MM | 1 | 6 | 12 | 1.2 | 2.46 | 212.54 | | |
| | Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.86 | 0.39 | 26.11 | | |
| | Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.44 | 0.39 | 20.22 | | |
| | Strrups 190c/c | 8MM | 1 | 6 | 6 | 1.14 | 0.39 | 16.01 | | |
| | C5 COLUMN | 16MM | 1 | 2 | 8 | 1 | 1.58 | 25.28 | | |
| | Strrups 190c/c | 8MM | 1 | 2 | 5 | 1.48 | 0.39 | 5.77 | | |
| | Strrups 190c/c | 8MM | 1 | 2 | 5 | 1.06 | 0.39 | 4.13 | | |
| | **STAIR CASE 3rd FLIGHT** | | | | | | | 0.00 | | |
| | Bottom beam | | | | | | | 0.00 | | |
| | TOP Bar | 12MM | 1 | 2 | 2 | 4.6 | 0.888 | 16.34 | | |
| | Bottom Bar | 12MM | 1 | 2 | 2 | 4.6 | 0.888 | 16.34 | | |
| | Bottom Ex.Bar | 12MM | 1 | 2 | 2 | 2.7 | 0.888 | 9.59 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 24 | 1.29 | 0.39 | 48.30 | | |
| | Waist slab first FLIGHT B | 12MM | 2 | 1 | 12 | 5 | 0.888 | 106.56 | | |
| | Top extra bar | 12MM | 2 | 1 | 12 | 1.35 | 0.888 | 28.77 | | |
| | Bottom extra bar | 12MM | 2 | 1 | 12 | 1.1 | 0.888 | 23.44 | | |
| | Top extra bar | 12MM | 2 | 1 | 12 | 3 | 0.888 | 63.94 | | |
| | Distribution for waist sl | 8MM | 2 | 1 | 27 | 1.29 | 0.39 | 27.17 | | |
| | Distribution for landingslab | 8MM | 2 | 1 | 24 | 3.65 | 0.39 | 68.33 | | |
| | CHAIRS | 12MM | 2 | 1 | 20 | 1.25 | 0.888 | 44.40 | | |
| | **STAIR CASE 4th FLIGHT** | | | | | | | 0.00 | | |
| | Waist slab Second Flight Bottom | 12MM | 2 | 1 | 12 | 5 | 0.888 | 106.56 | | |
| | Top extra bar | 12MM | 2 | 1 | 12 | 1.35 | 0.888 | 28.77 | | |
| | Bottom extra bar | 12MM | 2 | 1 | 12 | 1.1 | 0.888 | 23.44 | | |
| | Top extra bar | 12MM | 2 | 1 | 12 | 3 | 0.888 | 63.94 | | |
| | Distribution for waist sl | 8MM | 2 | 1 | 27 | 1.29 | 0.39 | 27.17 | | |
| | Distribution for landings | 8MM | 2 | 1 | 24 | 3.65 | 0.39 | 68.33 | | |
| | CHAIRS | 12MM | 2 | 1 | 20 | 1.25 | 0.888 | 44.40 | | |
| | **Roof slab Beam** | | | | | | | 0.00 | | |
| | **B1 to B3 & B5 to B7** | | | | | | | 0.00 | | |
| | Main top bar | 16MM | 1 | 2 | 2 | 18.1 | 1.58 | 114.39 | | |
| | Main btm bar | 16MM | 1 | 2 | 2 | 18.1 | 1.58 | 114.39 | | |
| | EX.bar top middle | 20MM | 1 | 4 | 2 | 3.4 | 2.46 | 66.91 | | |
| | EX.bar bottom | 20MM | 1 | 6 | 2 | 4.2 | 2.46 | 123.98 | | |
| | strrups 150c/c | 8MM | 1 | 12 | 12 | 1.48 | 0.39 | 83.12 | | |
| | strrups 150c/c | 8MM | 1 | 6 | 12 | 1.48 | 0.39 | 41.56 | | |
| | Spacer Bar | 20MM | 1 | 6 | 2 | 0.18 | 2.46 | 5.31 | | |
| | **B8** | | | | | | | 0.00 | | |
| | Main top bar | 16MM | 1 | 1 | 2 | 5.6 | 1.58 | 17.70 | | |
| | Main btm bar | 16MM | 1 | 1 | 2 | 5.6 | 1.58 | 17.70 | | |
| | EX.bar bottom | 16MM | 1 | 1 | 2 | 3.2 | 1.58 | 10.11 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 10 | 1.48 | 0.39 | 11.54 | | |
| | strrups 150c/c | 8MM | 1 | 1 | 9 | 1.48 | 0.39 | 5.19 | | |
| | Spacer Bar | 20MM | 1 | 1 | 4 | 0.18 | 2.46 | 1.77 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | **B9 to B15** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 39.2 | 2.46 | 192.86 | | |
| | Main btm bar | 20MM | 1 | 1 | 2 | 39.2 | 2.46 | 192.86 | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 4.05 | 2.46 | 39.85 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 4.05 | 2.46 | 39.85 | | |
| | EX.bar top Ends | 20MM | 1 | 2 | 3 | 2.45 | 2.46 | 36.16 | | |
| | EX.bar top middle | 20MM | 1 | 4 | 2 | 3.6 | 2.46 | 70.85 | | |
| | EX.bar top middle | 20MM | 1 | 2 | 2 | 3.2 | 2.46 | 31.49 | | |
| | EX.bar bottom | 20MM | 1 | 6 | 2 | 4.2 | 2.46 | 123.98 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 2.15 | 2.46 | 21.16 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 12 | 1.48 | 0.617 | 21.92 | | |
| | strrups 150c/c | 8MM | 1 | 10 | 12 | 1.48 | 0.39 | 69.26 | | |
| | strrups 150c/c | 8MM | 1 | 6 | 12 | 1.48 | 0.39 | 41.56 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 19 | 1.48 | 0.617 | 34.70 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 10 | 1.48 | 0.39 | 11.54 | | |
| | strrups 150c/c | 8MM | 1 | 1 | 10 | 1.48 | 0.39 | 5.77 | | |
| | Spacer Bar | 20MM | 1 | 7 | 4 | 0.18 | 2.46 | 12.40 | | |
| | **B38** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 2 | 1 | 2 | 11.56 | 2.46 | 113.75 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 11.56 | 2.46 | 113.75 | | |
| | EX.bar top ends | 20MM | 2 | 4 | 3 | 6.16 | 2.46 | 363.69 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 2 | 9.66 | 2.46 | 95.05 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 46 | 1.48 | 0.617 | 84.01 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 19 | 1.48 | 0.617 | 34.70 | | |
| | Spacer Bar | 20MM | 2 | 6 | 2 | 0.18 | 2.46 | 10.63 | | |
| | **B32 to B33** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 10.95 | 2.46 | 107.75 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 10.95 | 2.46 | 107.75 | | |
| | EX.bar top ends | 20MM | 1 | 2 | 3 | 2.55 | 2.46 | 37.64 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 9.05 | 2.46 | 89.05 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 15 | 1.48 | 0.617 | 54.79 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 16 | 1.48 | 0.39 | 18.47 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 15 | 1.48 | 0.617 | 27.39 | | |
| | Spacer Bar | 20MM | 1 | 1 | 4 | 0.18 | 2.46 | 1.77 | | |
| | **B30A to B30B** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 2 | 2 | 11.47 | 2.46 | 112.86 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 11.47 | 2.46 | 112.86 | | |
| | EX.bar top | 20MM | 1 | 2 | 2 | 4.7 | 2.46 | 46.25 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 9.37 | 2.46 | 92.20 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 13 | 1.48 | 0.617 | 47.48 | | |
| | strrups 175c/c | 8MM | 1 | 2 | 24 | 1.48 | 0.39 | 27.71 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 15 | 1.48 | 0.617 | 27.39 | | |
| | Spacer Bar | 20MM | 1 | 1 | 6 | 0.18 | 2.46 | 2.66 | | |
| | **B16,B17,B28,B29** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 4 | 3 | 8.65 | 2.46 | 255.35 | | |
| | Main btm bar | 20MM | 1 | 4 | 3 | 8.65 | 2.46 | 255.35 | | |
| | EX.bar top | 20MM | 1 | 4 | 3 | 3.75 | 2.46 | 110.70 | | |
| | EX.bar bottom | 20MM | 1 | 4 | 2 | 6.95 | 2.46 | 136.78 | | |
| | strrups 150c/c | 10MM | 2 | 4 | 15 | 1.48 | 0.617 | 109.58 | | |
| | strrups 175c/c | 10MM | 1 | 4 | 14 | 1.48 | 0.617 | 51.14 | | |
| | strrups 150c/c | 10MM | 1 | 4 | 10 | 1.48 | 0.617 | 36.53 | | |
| | Spacer Bar | 20MM | 1 | 4 | 4 | 0.18 | 2.46 | 7.08 | | |
| | **B31** | | | | | | | 0.00 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Main top bar | 20MM | 1 | 2 | 2 | 9.67 | 2.46 | 95.15 | | |
| | Main btm bar | 20MM | 1 | 2 | 3 | 9.67 | 2.46 | 142.73 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 3 | 6.12 | 2.46 | 90.33 | | |
| | strrups 100c/c | 10MM | 2 | 2 | 23 | 1.78 | 0.617 | 101.04 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 23 | 1.78 | 0.617 | 50.52 | | |
| | Spacer Bar | 20MM | 1 | 1 | 2 | 0.18 | 2.46 | 0.89 | | |
| | **B18 to B22** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 27.99 | 2.46 | 137.71 | | |
| | Main btm bar | 20MM | 1 | 1 | 2 | 27.99 | 2.46 | 137.71 | | |
| | EX.bar top middle | 20MM | 1 | 2 | 2 | 3.15 | 2.46 | 31.00 | | |
| | EX.bar top middle | 20MM | 1 | 2 | 2 | 4.1 | 2.46 | 40.34 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 2.7 | 2.46 | 26.57 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 4.87 | 2.46 | 47.92 | | |
| | EX.bar bottom | 20MM | 1 | 2 | 2 | 5.15 | 2.46 | 50.68 | | |
| | strrups 150c/c | 8MM | 1 | 4 | 8 | 1.48 | 0.39 | 18.47 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 8 | 1.48 | 0.39 | 9.24 | | |
| | strrups 150c/c | 8MM | 1 | 4 | 14 | 1.48 | 0.39 | 32.32 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 15 | 1.48 | 0.39 | 17.32 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 14 | 1.48 | 0.39 | 16.16 | | |
| | strrups 150c/c | 8MM | 1 | 1 | 16 | 1.48 | 0.39 | 9.24 | | |
| | Spacer Bar | 20MM | 1 | 5 | 2 | 0.18 | 2.46 | 4.43 | | |
| | **B34 to B36** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 2 | 1 | 2 | 18.32 | 2.46 | 180.27 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 18.32 | 2.46 | 180.27 | | |
| | EX.bar top middle | 20MM | 2 | 2 | 2 | 3.1 | 2.46 | 61.01 | | |
| | EX.bar top middle | 20MM | 2 | 2 | 2 | 3.5 | 2.46 | 68.88 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 1.2 | 2.46 | 23.62 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 4.52 | 2.46 | 88.95 | | |
| | EX.bar bottom | 20MM | 2 | 2 | 2 | 8.7 | 2.46 | 171.22 | | |
| | strrups 150c/c | 8MM | 2 | 4 | 8 | 1.48 | 0.39 | 36.94 | | |
| | strrups 175c/c | 8MM | 2 | 2 | 8 | 1.48 | 0.39 | 18.47 | | |
| | strrups 150c/c | 8MM | 2 | 4 | 14 | 1.48 | 0.39 | 64.65 | | |
| | strrups 175c/c | 8MM | 2 | 2 | 15 | 1.48 | 0.39 | 34.63 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 14 | 1.48 | 0.39 | 32.32 | | |
| | strrups 175c/c | 8MM | 2 | 1 | 16 | 1.48 | 0.39 | 18.47 | | |
| | Spacer Bar | 20MM | 1 | 2 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B23,B24** | | | | | | | 0.00 | | |
| | Main top bar | 12MM | 2 | 1 | 2 | 4.9 | 2.46 | 48.22 | | |
| | Main btm bar | 16MM | 2 | 1 | 2 | 4.9 | 2.46 | 48.22 | | |
| | EX.bar bottom | 16MM | 2 | 1 | 2 | 2.7 | 2.46 | 26.57 | | |
| | strrups 150c/c | 8MM | 2 | 2 | 8 | 1.48 | 0.617 | 29.22 | | |
| | strrups 200c/c | 8MM | 2 | 1 | 8 | 1.48 | 0.617 | 14.61 | | |
| | Spacer Bar | 20MM | 1 | 2 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B25 to B27** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 1 | 1 | 2 | 20.79 | 2.46 | 102.29 | | |
| | Main btm bar | 20MM | 1 | 2 | 2 | 20.79 | 2.46 | 204.57 | | |
| | EX.bar top middle | 20MM | 1 | 1 | 3 | 4.1 | 2.46 | 30.26 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 3 | 4.87 | 2.46 | 35.94 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 2 | 5.15 | 2.46 | 25.34 | | |
| | EX.bar bottom | 20MM | 1 | 1 | 2 | 4.87 | 2.46 | 23.96 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | strrups 150c/c | 10MM | 1 | 2 | 14 | 1.48 | 0.617 | 25.57 | | |
| | strrups 175c/c | 8MM | 1 | 2 | 14 | 1.48 | 0.39 | 16.16 | | |
| | strrups 150c/c | 8MM | 1 | 2 | 14 | 1.48 | 0.39 | 16.16 | | |
| | strrups 150c/c | 10MM | 1 | 2 | 14 | 1.48 | 0.617 | 25.57 | | |
| | strrups 175c/c | 8MM | 1 | 1 | 16 | 1.48 | 0.39 | 9.24 | | |
| | Spacer Bar | 20MM | 1 | 3 | 4 | 0.18 | 2.46 | 5.31 | | |
| | **B37** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 2 | 1 | 3 | 8.45 | 2.46 | 124.72 | | |
| | Main btm bar | 20MM | 2 | 1 | 3 | 8.45 | 2.46 | 124.72 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 3 | 5 | 2.46 | 73.80 | | |
| | strrups 100c/c | 10MM | 2 | 2 | 20 | 1.78 | 0.617 | 87.86 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 18 | 1.78 | 0.617 | 39.54 | | |
| | Spacer Bar | 20MM | 2 | 1 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **B40** | | | | | | | 0.00 | | |
| | Main top bar | 20MM | 2 | 1 | 2 | 9.45 | 2.46 | 92.99 | | |
| | Main btm bar | 20MM | 2 | 1 | 2 | 9.45 | 2.46 | 92.99 | | |
| | Ex.bar top | 20MM | 2 | 1 | 3 | 4.25 | 2.46 | 62.73 | | |
| | EX.bar bottom | 20MM | 2 | 1 | 3 | 7.85 | 2.46 | 115.87 | | |
| | strrups 150c/c | 10MM | 2 | 2 | 12 | 1.78 | 0.617 | 52.72 | | |
| | strrups 175c/c | 10MM | 2 | 1 | 8 | 1.78 | 0.617 | 17.57 | | |
| | strrups 150c/c | 10MM | 2 | 1 | 5 | 1.78 | 0.617 | 10.98 | | |
| | Spacer Bar | 20MM | 2 | 1 | 4 | 0.18 | 2.46 | 3.54 | | |
| | **First roof slab** | | | | | | | 0.00 | | |
| | **to M7,M8** | | | | | | | 0.00 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 19 | 7.3 | 0.617 | 171.16 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 18 | 7.15 | 0.617 | 158.82 | | |
| | Dis. bar | 10MM | 1 | 2 | 47 | 17.95 | 0.617 | 1041.06 | | |
| | Ex.bar Ends | 10MM | 1 | 4 | 55 | 1.93 | 0.617 | 261.98 | | |
| | Dis. bar | 10MM | 1 | 4 | 14 | 7.1 | 0.617 | 245.32 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 55 | 3.5 | 0.617 | 475.09 | | |
| | Dis. bar | 10MM | 1 | 4 | 14 | 7.1 | 0.617 | 245.32 | | |
| | chairs 1000 c/c | 10MM | 6 | 2 | 8 | 1.5 | 0.617 | 88.85 | | |
| | **passage** | | | | | | | 0.00 | | |
| | **A6,A7 to N6,N7** | | | | | | | 0.00 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 29 | 2.99 | 0.617 | 107.00 | | |
| | Main bar 150c/c | 10MM | 1 | 2 | 28 | 2.75 | 0.617 | 95.02 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 86 | 3.2 | 0.617 | 169.80 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 86 | 2.96 | 0.617 | 157.06 | | |
| | ~~Dis. bar~~ | ~~10MM~~ | 1 | 1 | 15 | 44 | 0.617 | 407.22 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Dis. bar | 10MM | 1 | 1 | 5 | 26.9 | 0.617 | 82.99 | | |
| | Ex.bar Ends | 10MM | 1 | 4 | 15 | 1.95 | 0.617 | 72.19 | | |
| | Dis. bar | 10MM | 1 | 4 | 24 | 2.55 | 0.617 | 151.04 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 20 | 3 | 0.617 | 148.08 | | |
| | Dis. bar | 10MM | 1 | 4 | 21 | 3.36 | 0.617 | 174.14 | | |
| | chairs 1000 c/c | 10MM | 1 | 2 | 44 | 1.5 | 0.617 | 81.44 | | |
| | **A2,A5 to C2,C5 & L2,L5 to N2,N5** | | | | | | | 0.00 | | |
| | Main bar 150c/c | 12MM | 1 | 2 | 26 | 9.99 | 0.888 | 461.30 | | |
| | Main bar 150c/c | 12MM | 1 | 2 | 26 | 9.75 | 0.888 | 450.22 | | |
| | Dis. bar | 10MM | 1 | 2 | 84 | 8.87 | 0.617 | 919.43 | | |
| | Ex.bar 150c/c | 10MM | 1 | 2 | 10 | 3.2 | 0.617 | 39.49 | | |
| | Ex.bar 100c/c | 10MM | 1 | 2 | 70 | 3.2 | 0.617 | 276.42 | | |
| | Dis. bar 100c/c | 10MM | 1 | 4 | 32 | 9.75 | 0.617 | 770.02 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 52 | 2.4 | 0.617 | 308.01 | | |
| | Dis. bar | 10MM | 1 | 4 | 17 | 8.02 | 0.617 | 336.49 | | |
| | Ex.bar middile | 10MM | 1 | 4 | 14 | 2 | 0.617 | 69.10 | | |
| | Dis. bar | 10MM | 1 | 4 | 14 | 2 | 0.617 | 69.10 | | |
| | concealed Beam | | | | | | | 0.00 | | |
| | Main bar | 16MM | 1 | 1 | 4 | 7.25 | 1.58 | 45.82 | | |
| | | 12MM | 1 | 1 | 4 | 7.25 | 0.888 | 25.75 | | |
| | Strrups 150c/c | 8MM | 1 | 1 | 43 | 47 | 0.39 | 788.19 | | |
| | chairs 1000 c/c | 10MM | 2 | 2 | 8 | 1.5 | 0.617 | 29.62 | | |
| | Slab projection | | | | | | | 0.00 | | |
| | Main bar 150c/c | 10MM | 2 | 1 | 20 | 1.6 | 0.617 | 39.49 | | |
| | Dis. bar | 10MM | 2 | 1 | 13 | 2.85 | 0.617 | 45.72 | | |
| | **D3,D5 to I3I5** | | | | | | | 0.00 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 6.81 | 0.617 | 134.46 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 6.57 | 0.617 | 129.72 | | |
| | Dis. bar | 10MM | 1 | 1 | 63 | 7.55 | 0.617 | 293.48 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 20.51 | 0.617 | 404.95 | | |
| | Main bar 150c/c | 10MM | 1 | 1 | 32 | 19.79 | 0.617 | 390.73 | | |
| | Dis. bar | 10MM | 1 | 1 | 63 | 7.55 | 0.617 | 293.48 | | |
| | Main bar 150c/c | 12MM | 1 | 1 | 32 | 7.19 | 0.617 | 141.96 | | |
| | Main bar 150c/c | 12MM | 1 | 1 | 32 | 6.95 | 0.617 | 137.22 | | |
| | Dis. bar | 10MM | 1 | 1 | 63 | 7.75 | 0.617 | 301.25 | | |
| | Ex.bar 150c/c | 10MM | 1 | 2 | 64 | 2.3 | 0.617 | 181.64 | | |
| | Dis. bar | 10MM | 1 | 2 | 21 | 6.7 | 0.617 | 173.62 | | |
| | Ex.bar 100c/c | 10MM | 1 | 2 | 64 | 4.1 | 0.617 | 323.80 | | |
| | Dis. bar | 10MM | 1 | 4 | 32 | 6.7 | 0.617 | 529.14 | | |
| | Ex.bar 100c/c | 10MM | 1 | 1 | 41 | 3.5 | 0.617 | 462.00 | | |

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|---|---|---|---|---|---|---|---|---|
| Dis. bar | 10MM | 1 | 2 | 21 | 11.9 | 0.617 | 308.38 | |
| Ex.bar 100c/c | 10MM | 1 | 1 | 66 | 14.5 | 0.617 | 590.47 | |
| Dis. bar | 10MM | 1 | 1 | 32 | 17.1 | 0.617 | 337.62 | |
| Main bar 150c/c | 10MM | 1 | 2 | 16 | 1.6 | 0.617 | 31.59 | |
| Dis. bar | 10MM | 1 | 2 | 12 | 2.2 | 0.617 | 32.58 | |
| concealed Beam | | | | | | | 0.00 | |
| Main bar | 16MM | 1 | 1 | 4 | 19.69 | 1.58 | 124.44 | |
| | 12MM | 1 | 1 | 4 | 19.69 | 0.888 | 69.94 | |
| Strrups 150c/c | 8MM | 1 | 1 | 132 | 1.08 | 0.39 | 55.60 | |
| chairs 1000 c/c | 10MM | 3 | 2 | 8 | 1.5 | 0.617 | 44.42 | |
| Slab projection | | | | | | | 0.00 | |
| | 10MM | 1 | 2 | 17 | 1.6 | 0.617 | 33.56 | |
| | 10MM | 1 | 2 | 11 | 2.35 | 0.617 | 31.90 | |
| **Room 1,2,3,4,5,8** | | | | | | | | |
| Main Bar | 10MM | 1 | 6 | 4 | 5.4 | 0.617 | 79.96 | |
| Strrups 150c/c | 8MM | 1 | 6 | 37 | 0.7 | 0.39 | 60.61 | |
| Main Bar | 10MM | 1 | 6 | 4 | 1.6 | 0.617 | 23.69 | |
| Strrups 150c/c | 8MM | 1 | 6 | 12 | 0.7 | 0.39 | 19.66 | |
| Main Bar | 10MM | 1 | 1 | 4 | 3.6 | 0.617 | 8.88 | |
| Strrups 150c/c | 8MM | 1 | 1 | 25 | 0.7 | 0.39 | 6.83 | |
| **Office 1 & 2** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 4 | 5.32 | 0.617 | 26.26 | |
| Strrups 150c/c | 8MM | 1 | 2 | 36 | 0.7 | 0.39 | 19.66 | |
| Main Bar | 10MM | 1 | 2 | 4 | 5.32 | 0.617 | 26.26 | |
| Strrups 150c/c | 8MM | 1 | 2 | 36 | 0.7 | 0.39 | 19.66 | |
| Main Bar | 10MM | 1 | 2 | 4 | 1.6 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| **Passage** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 4 | 1.5 | 0.617 | 7.40 | |
| Strrups 150c/c | 8MM | 1 | 2 | 10 | 0.7 | 0.39 | 5.46 | |
| **Room 6,7** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 4 | 5 | 0.617 | 24.68 | |
| Strrups 150c/c | 8MM | 1 | 2 | 34 | 0.7 | 0.39 | 18.56 | |
| Main Bar | 10MM | 1 | 2 | 4 | 1.6 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| **Store Room (landscap)** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 4 | 4.1 | 0.617 | 20.24 | |
| Strrups 150c/c | 8MM | 1 | 2 | 28 | 0.7 | 0.39 | 15.29 | |
| **First Floor Lintel** | | | | | | | | |
| **Room 1,2,3,4** | | | | | | | | |
| W Main Bar | 10MM | 1 | 6 | 4 | 5.4 | 0.617 | 79.96 | |
| Strrups 150c/c | 8MM | 1 | 6 | 37 | 0.7 | 0.39 | 60.61 | |
| D Main Bar | 10MM | 1 | 4 | 4 | 1.6 | 0.617 | 15.80 | |
| Strrups 150c/c | 8MM | 1 | 4 | 12 | 0.7 | 0.39 | 13.10 | |
| **Room 7,8** | | | | | | | | |
| W Main Bar | 10MM | 1 | 2 | 4 | 5.32 | 0.617 | 26.26 | |
| Strrups 150c/c | 8MM | 1 | 2 | 36 | 0.7 | 0.39 | 19.66 | |
| W Main Bar | 10MM | 1 | 2 | 4 | 5.32 | 0.617 | 26.26 | |
| Strrups 150c/c | 8MM | 1 | 2 | 36 | 0.7 | 0.39 | 19.66 | |
| D Main Bar | 10MM | 1 | 2 | 4 | 1.6 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| **Passage** | | | | | | | | |
| ~~W Main Bar~~ | ~~10MM~~ | ~~1~~ | ~~2~~ | ~~4~~ | ~~1.5~~ | ~~0.617~~ | ~~7.40~~ | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| **~~Room 5,6~~** | | | | | | | | |
| W Main Bar | 10MM | 1 | 2 | 4 | 5 | 0.617 | 24.68 | |
| Strrups 150c/c | 8MM | 1 | 2 | 34 | 0.7 | 0.39 | 18.56 | |
| D Main Bar | 10MM | 1 | 2 | 4 | 1.6 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| W Main Bar | 10MM | 1 | 1 | 4 | 3.9 | 0.617 | 9.63 | |
| Strrups 150c/c | 8MM | 1 | 1 | 27 | 0.7 | 0.39 | 7.37 | |
| Main Bar | 10MM | 1 | 2 | 4 | 1.6 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 1 | 2 | 12 | 0.7 | 0.39 | 6.55 | |
| Main Bar | 10MM | 2 | 2 | 4 | 0.8 | 0.617 | 7.90 | |
| Strrups 150c/c | 8MM | 2 | 2 | 6 | 0.7 | 0.39 | 6.55 | |
| **Store Room (landscap)** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 4 | 4.1 | 0.617 | 20.24 | |
| Strrups 150c/c | 8MM | 1 | 2 | 28 | 0.7 | 0.39 | 15.29 | |
| **Grounnd Floor Chajja** | | | | | | | | |
| **Room 1,2,3,4,5,8** | | | | | | | | |
| Main Bar | 10MM | 1 | 10 | 12 | 0.85 | 0.617 | 62.934 | |
| Strrups 150c/c | 8MM | 1 | 10 | 4 | 2.05 | 0.39 | 31.98 | |
| **Office 1 & 2** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 37 | 0.85 | 0.617 | 38.81 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5.32 | 0.39 | 16.60 | |
| Main Bar | 10MM | 1 | 2 | 37 | 0.85 | 0.617 | 38.81 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5.32 | 0.39 | 16.60 | |
| **Passage** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 19 | 0.85 | 0.617 | 19.93 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 2.15 | 0.39 | 6.71 | |
| **Room 6,7** | 8MM | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 34 | 0.85 | 0.617 | 35.66 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5 | 0.39 | 15.60 | |
| **Store Room** | | | | | | | | |
| Main Bar | 10MM | 1 | 1 | 27 | 0.85 | 0.617 | 22.95 | |
| Strrups 150c/c | 8MM | 1 | 1 | 4 | 4.05 | 0.39 | 16.20 | |
| **First floor Chajja** | | | | | | | | |
| **Room 1,2,3,4** | | | | | | | | |
| Main Bar | 10MM | 1 | 10 | 12 | 0.85 | 0.617 | 62.934 | |
| Strrups 150c/c | 8MM | 1 | 10 | 4 | 2.05 | 0.39 | 31.98 | |
| **Room 7,8** | | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 37 | 0.85 | 0.617 | 38.81 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5.32 | 0.39 | 16.60 | |
| Main Bar | 10MM | 1 | 2 | 37 | 0.85 | 0.617 | 38.81 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5.32 | 0.39 | 16.60 | |
| **Passage** | | | | | | | 0.00 | |
| Main Bar | 10MM | 1 | 2 | 19 | 0.85 | 0.617 | 19.93 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 2.15 | 0.39 | 6.71 | |
| **Room 5,6** | 8MM | | | | | | | |
| Main Bar | 10MM | 1 | 2 | 34 | 0.85 | 0.617 | 35.66 | |
| Strrups 150c/c | 8MM | 1 | 2 | 4 | 5 | 0.39 | 15.60 | |
| **Store Room** | | | | | | | | |
| Main Bar | 10MM | 1 | 1 | 13 | 0.85 | 0.617 | 11.05 | |
| Strrups 150c/c | 8MM | 1 | 1 | 4 | 4.05 | 0.39 | 16.20 | |
| **Store Room Ground Floor** | | | | | | | | |
| **Beam** | | | | | | | | |
| Main top bar | 16MM | 1 | 1 | 2 | 4.92 | 1.58 | 15.55 | |
| Main btm bar | 16MM | 1 | 1 | 2 | 4.92 | 1.58 | 15.55 | |
| EX.bar bottom | 20MM | 1 | 1 | 3 | 4.2 | 2.46 | 31.00 | |
| strrups 150c/c | 8MM | 1 | 1 | 28 | 1.3 | 0.39 | 14.20 | |
| Spacer Bar | 20MM | 1 | 6 | 2 | 0.18 | 2.46 | 5.31 | |
| **Extra saport Beam** | | | | | | | | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Main top bar | 16MM | 1 | 2 | 4 | 6 | 1.58 | 75.84 | |
| strrups 150c/c | 8MM | 1 | 2 | 39 | 6.25 | 0.39 | 190.13 | |
| Main top bar | 16MM | 1 | 1 | 4 | 4.1 | 1.58 | 25.91 | |
| strrups 150c/c | 8MM | 1 | 1 | 26 | 0.55 | 0.39 | 5.58 | |
| **Slab** | | | | | | | | |
| Main bar Btm 150c/c | 10MM | 1 | 1 | 30 | 4.35 | 0.617 | 80.52 | |
| Main bar Btm 150c/c | 10MM | 1 | 1 | 29 | 4.55 | 0.617 | 81.41 | |
| Main bar Top 150c/c | 10MM | 1 | 1 | 28 | 4.35 | 0.617 | 75.15 | |
| Main bar Top 150c/c | 10MM | 1 | 1 | 28 | 4.55 | 0.617 | 78.61 | |
| Chair | 12MM | 1 | 2 | 5 | 1.25 | 0.888 | 11.10 | |
| **Store Room First Floor** | | | | | | | | |
| **Beam** | | | | | | | | |
| Main top bar | 16MM | 1 | 1 | 2 | 4.92 | 1.58 | 15.55 | |
| Main btm bar | 16MM | 1 | 1 | 2 | 4.92 | 1.58 | 15.55 | |
| EX.bar bottom | 20MM | 1 | 1 | 3 | 4.2 | 2.46 | 31.00 | |
| strrups 150c/c | 8MM | 1 | 1 | 28 | 1.3 | 0.39 | 14.20 | |
| Spacer Bar | 20MM | 1 | 6 | 2 | 0.18 | 2.46 | 5.31 | |
| **Extra saport Beam** | | | | | | | | |
| Main top bar | 16MM | 1 | 2 | 4 | 6.15 | 1.58 | 77.74 | |
| strrups 150c/c | 8MM | 1 | 2 | 39 | 0.55 | 0.39 | 16.73 | |
| Main top bar | 16MM | 1 | 1 | 4 | 4.1 | 1.58 | 25.91 | |
| strrups 150c/c | 8MM | 1 | 1 | 26 | 0.55 | 0.39 | 5.58 | |
| **Slab** | | | | | | | | |
| Main bar Btm 150c/c | 10MM | 1 | 1 | 30 | 4.35 | 0.617 | 80.52 | |
| Main bar Btm 150c/c | 10MM | 1 | 1 | 29 | 4.55 | 0.617 | 81.41 | |
| Main bar Top 150c/c | 10MM | 1 | 1 | 28 | 4.35 | 0.617 | 75.15 | |
| Main bar Top 150c/c | 10MM | 1 | 1 | 28 | 4.55 | 0.617 | 78.61 | |
| Chair | 12MM | 1 | 2 | 5 | 1.25 | 0.888 | 11.10 | |
| F1 | 12MM | 2 | 2 | 18 | 2 | 0.888 | 127.9 | |
| | 12MM | 2 | 2 | 15 | 2.2 | 0.888 | 117.216 | |
| Plinth Btm Level | | | | | | | 0 | |
| **Column CA1 Main Bar** | 20MM | 4 | 1 | 8 | 2.9 | 2.46 | 228.29 | |
| Strrups 150c/c | 8MM | 4 | 1 | 16 | 1.22 | 0.39 | 30.451 | |
| **Plinth Beam** | | | | | | | | |
| **Top Bar Long Beam** | 16MM | 2 | 1 | 2 | 8 | 1.58 | 50.6 | |
| Bottom Bar | 16MM | 2 | 1 | 2 | 8 | 1.58 | 50.6 | |
| End Ex.Bar | 16MM | 2 | 1 | 2 | 3.15 | 1.58 | 19.9 | |
| Bottom Ex.Bar | 16MM | 2 | 1 | 2 | 6.3 | 1.58 | 39.8 | |
| strrups c/c 150 | 8MM | 2 | 2 | 13 | 1.29 | 0.39 | 26.2 | |
| strrups c/c 150 | 8MM | 2 | 1 | 19 | 1.29 | 0.39 | 19.1 | |
| **Top Bar Short Beam** | 16MM | 2 | 1 | 2 | 3.8 | 1.58 | 24.0 | |
| Bottom Bar | 16MM | 2 | 1 | 2 | 3.8 | 1.58 | 24.0 | |
| Bottom Ex.Bar | 16MM | 2 | 1 | 2 | 2 | 1.58 | 12.6 | |
| strrups c/c 150 | 8MM | 2 | 1 | 20 | 1.29 | 0.39 | 20.1 | |
| **Plinth Partion Wall** | | | | | | | | |
| Top Bar | 16MM | 2 | 4 | 2 | 3.25 | 1.58 | 82.16 | |
| Bottom Bar | 16MM | 2 | 4 | 2 | 3.25 | 1.58 | 82.16 | |
| Bottom Ex.Bar | 16MM | 2 | 4 | 2 | 2 | 1.58 | 50.56 | |
| strrups c/c 150 | 8MM | 2 | 4 | 20 | 1.29 | 0.39 | 80.50 | |
| **Plinth Level to Roof Top** | | | | | | | | |
| Column CA1 Main Bar | 20MM | 4 | 1 | 8 | 3.47 | 2.46 | 273.16 | |
| Strrups 150c/c | 8MM | 4 | 2 | 16 | 1.22 | 0.39 | 60.90 | |
| **Ground FloorToilet Roof Beam** | | | | | | | | |
| B102 A'7to A'8 Main Bar | 16MM | 2 | 1 | 4 | 3.45 | 1.58 | 40.61 | |
| Ex.Bar Btm | 16MM | 2 | 1 | 2 | 2.95 | 1.58 | 18.64 | |
| strrups c/c 150 | 8MM | 2 | 1 | 19 | 1.55 | 0.39 | 22.97 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | B101 A'8 to B8 Main Bar | 16MM | 2 | 1 | 2 | 8.05 | 2.46 | 79.21 | | |
| | ~~Btm Bar~~ | ~~20MM~~ | ~~2~~ | ~~1~~ | ~~2~~ | ~~8.05~~ | ~~2.46~~ | ~~79.21~~ | | |
| | Ex.Bar Btm | 20MM | 2 | 1 | 2 | 7.5 | 2.46 | 73.80 | | |
| | strrups c/c 150 | 10MM | 2 | 1 | 42 | 1.55 | 0.617 | 80.33 | | |
| | B103 Inside Beam Main | 16MM | 2 | 1 | 4 | 3.65 | 1.58 | 46.14 | | |
| | Ex.Bar Btm | 16MM | 2 | 1 | 2 | 2.95 | 1.58 | 18.64 | | |
| | strrups c/c 150 | 8MM | 2 | 1 | 19 | 1.55 | 0.39 | 22.97 | | |
| | **Roof Slab** | | | | | | | | | |
| | Main Bar | 10MM | 2 | 1 | 17 | 7 | 0.617 | 140.00 | | |
| | Main Bar | 10MM | 2 | 1 | 10 | 2.95 | 0.617 | 36.40 | | |
| | Ex.Bar | 8MM | 2 | 1 | 19 | 1.4 | 0.39 | 20.75 | | |
| | Dis.Bar | 8MM | 2 | 1 | 9 | 2.95 | 0.39 | 20.71 | | |
| | CHAIRS | 10MM | 2 | 1 | 16 | 1.25 | 0.617 | 24.68 | | |
| | | | | | | | Kg | 70573.29 | | |
| | | | | | **Total Qty Work Done** | | | 70.57 | | |
| | | | | | **Upto 125%** | | | 70.57 | 76596.00 | 5405631.95 |
| 72 | Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materilas, cost of | | | | | | | | | |
| | | | | | | | | 1319.70 | 94.00 | |
| 73 | Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materilas, cost of | | | | | | | | | |
| | | | | | | | | 1329.58 | 94.00 | |
| 74 | Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materilas, cost of | | | | | | | | | |
| | | | | | | | | 198.73 | 94.00 | |
| 75 | Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. | | | | | | | | | |
| | | | | | | | | 232.50 | 524.00 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 76 | KSRB 13-11: Providing and placing on terrace, polyethylene water storage tanks with manhole lid ~~and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow~~ pipes, including cost of all materials, labhour, transport charges, HOM of equipments and testing | | | | | | | | | |
| | | | | | | | | 2.00 | 8149.00 | |
| 77 | Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves ( excluding cost of cement concrete and side clamps ), but including cost of materials, labour, HOM of machineries complete. | | | | | | | | | |
| | Door Ground floor | | | | | | | | | |
| | D1 frame | CUM | 1 | 11 | 1.4 | 0.12 | 0.08 | 0.15 | | |
| | | | 1 | 11 | 1.4 | 0.12 | 0.08 | 0.15 | | |
| | | CUM | 1 | 22 | 2.4 | 0.12 | 0.08 | 0.51 | | |
| | | | | | Total Qty Work Done | | | 0.80 | 104547.00 | 83905.24 |
| 78 | Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves ( excluding cost of cement concrete and side clamps ), but including cost of materials, labour, HOM of machineries complete. | | | | | | | | | |
| | Door Ground floor | | | | | | | | | |
| | D1 frame Horizontal | CUM | 1 | 10 | 1.4 | 0.12 | 0.08 | 0.13 | | |
| | | | 1 | 10 | 1.4 | 0.12 | 0.08 | 0.13 | | |
| | Vertical | CUM | 1 | 20 | 2.4 | 0.12 | 0.08 | 0.46 | | |
| | | | | | Total Qty Work Done | | | 0.73 | 104547.00 | 76277.49 |
| 79 | Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves ( excluding cost of cement concrete and side clamps ), but including cost of materials, labour, HOM of machineries complete. | | | | | | | | | |
| | | | | | | | | 0.16 | 104547.00 | |
| 80 | KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm.thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries | | | | | | | | | |
| | | | | | | | | 25.20 | 5117.00 | |
| 81 | KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm.thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries | | | | | | | | | |
| | | | | | | | | 25.20 | 5117.00 | |
| 82 | KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm.thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries | | | | | | | | | |
| | | | | | | | | 5.04 | 5117.00 | |
| 83 | Providing and fixing 65mm X 125mm GRP Door frame fabricated using E-Glass Chopped Strand Mat (CSM) U.V - sablized Isopathlic Gelcoat and Isopthalic resin. The thickness of the GRP Skin shall not be less than 2.0mm. The door frame consists of four segments, which are provided with | | | | | | | | | |
| | | | | | | | | 57.00 | 657.00 | |
| 84 | Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopathic Gelcoat and on layer of 45 gsm E-class Chopped strand Mat (CSM), impregnated with | | | | | | | | | |
| | | | | | | | | 7.88 | 3581.00 | |
| 85 | Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopathic Gelcoat and on layer of 45 gsm E-class Chopped strand Mat (CSM), impregnated with | | | | | | | | | |
| | | | | | | | | 7.88 | 3585.00 | |
| 86 | KSRB 7-1.Providing & fiixing in position collapsable steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and | | | | | | | | | |
| | | | | | | | | 4.50 | 6218.00 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | KSRB 15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to ~~brick masonry for base of dadooing works with sand of approved quality, providing and~~ removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date | | | | | | | | | | |
| | | | | | | | | 55.12 | 248.00 | | |
| 88 | KSRB 15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date | | | | | | | | | | |
| | | | | | | | | 61.95 | 248.00 | | |
| 89 | Providing and filling in foundation / below flooring with granite / trap broken metal 100mm and down size with approved quality sand including hand packing, ramming, watering, including the cost of all materials and labour with all lead and lift complete. (PWD-SR 2018-19, P.7 I No.2.15) | | | | | | | | | | |
| | F1 | Cum | 1 | 4 | 2.2 | 2.5 | 0.2 | 4.40 | | | |
| | F2 | Cum | 1 | 16 | 2.5 | 2.8 | 0.2 | 22.40 | | | |
| | F3 | Cum | 1 | 6 | 2.8 | 3.2 | 0.2 | 10.75 | | | |
| | F4 | Cum | 1 | 6 | 3 | 3.4 | 0.2 | 12.24 | | | |
| | F5 | Cum | 1 | 4 | 2 | 2.3 | 0.2 | 3.68 | | | |
| | **SSM A2 to M2** | | | | | | | | | | |
| | A to C | Cum | 1 | 1 | 3.65 | 1.3 | 0.2 | 0.95 | | | |
| | C to D | Cum | 1 | 1 | 1.65 | 1.3 | 0.2 | 0.43 | | | |
| | D to F | Cum | 1 | 1 | 4.02 | 1.3 | 0.2 | 1.05 | | | |
| | F to I | Cum | 1 | 1 | 2.92 | 1.3 | 0.2 | 0.76 | | | |
| | I to K | Cum | 1 | 1 | 4.02 | 1.3 | 0.2 | 1.05 | | | |
| | L to N | Cum | 1 | 1 | 5.1 | 1.3 | 0.2 | 1.33 | | | |
| | **A8 to N8** | | | | | | 0.2 | 0.00 | | | |
| | B to C | Cum | 1 | 1 | 3.65 | 1.3 | 0.2 | 0.95 | | | |
| | C to E | Cum | 1 | 1 | 3.50 | 1.3 | 0.2 | 0.91 | | | |
| | E to G | Cum | 1 | 1 | 2.27 | 1.3 | 0.2 | 0.59 | | | |
| | G to H | Cum | 1 | 1 | 2.2 | 1.3 | 0.2 | 0.57 | | | |
| | H to J | Cum | 1 | 1 | 3.5 | 1.3 | 0.2 | 0.91 | | | |
| | J to L | Cum | 1 | 1 | 3.49 | 1.3 | 0.2 | 0.91 | | | |
| | L to M | Cum | 1 | 1 | 3.65 | 1.3 | 0.2 | 0.95 | | | |
| | A3 to A5 & N3 to N5 | Cum | 1 | 2 | 5.398 | 1.15 | 0.2 | 2.48 | | | |
| | A6 to A7 & N6 to N7 | Cum | 1 | 2 | 0.5 | 1.15 | 0.2 | 0.23 | | | |
| | A7 to A8 & N7 to N8 | Cum | 1 | 2 | 4.3 | 1.15 | 0.2 | 1.98 | | | |
| | F1 to F3 & I1 to I3 | Cum | 1 | 2 | 3.098 | 1.15 | 0.2 | 1.43 | | | |
| | **F1A Footing** | | | | | | | | | | |
| | Footing | Cum | 2 | 2 | 2 | 2.3 | 0.2 | 3.68 | | | |
| | S.S.M | Cum | 2 | 1 | 4.25 | 0.9 | 0.2 | 1.53 | | | |
| | S.S.M | Cum | 2 | 1 | 1.35 | 0.9 | 0.2 | 0.49 | | | |
| | | | | | **Total Qty Work Done** | | | 76.63 | | | |
| | | | | | **Upto 125%** | | | 76.63 | 2899.00 | 222136.92 | |
| 90 | Providing and applying enamel metal paint in two coats (Excluding priming coat) over new steel or other metal surface including preparing the surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter including cost of all materials , labour, complete as per | | | | | | | | | | |
| | | | | | | | | 170.10 | 114.00 | | |
| 91 | KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, | | | | | | | | | | |
| | | | | | | | | 180.00 | 388.00 | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 | Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 | | | | | | | | | | |
| | | | | | | | | 36.15 | 5318.00 | | |
| 93 | Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 | | | | | | | | | | |
| | | | | | | | | 18.00 | 5321.00 | | |
| 94 | KSRB: 8.6: Providing and fixing on wall surface 2.5kg/sq cm H.D.P.E rain down water pipes of approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wallplugs, screws, including cost of all materials, labour, curing, complete as per | | | | | | | | | | |
| | | | | | | | | 70.00 | 436.00 | | |
| 95 | Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical | | | | | | | | | | |
| | | No | | 1 | | | | 1.00 | | | |
| | | | | | | Total Qty Work Done | | 1.00 | 4164.00 | 4164.00 | |
| 96 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | | |
| | 0 to 50 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | | |
| | | | | | | Total Qty Work Done | | 50.00 | 384.00 | 19200.00 | |
| 97 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | | |
| | 50 to 100 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | | 0.00 |
| | | | | | | Total Qty | | 50.00 | 489.00 | 24450.00 | |

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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~98~~ | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above ~~1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and~~ cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 100 to 150 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 504.00 | 25200.00 |
| ~~99~~ | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 150 to 200 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 593.00 | 29650.00 |
| 100 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 200 to 250 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 701.00 | 35050.00 |
| 101 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 250 to 300 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 774.00 | 38700.00 |
| 102 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 300 to 350 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 912.00 | 45600.00 |
| 103 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 350 to 400 m | Rmt | 1 | 1 | 50.00 | | | 50.00 | | 0.00 |
| | | | | | | | Total Qty | 50.00 | 995.00 | 49750.00 |
| 104 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, | | | | | | | | | |
| | 400 to 420 m | Rmt | 1 | 1 | 20.00 | | | 20.00 | | 0.00 |
| | | | | | | | Total Qty | 20.00 | 1248.00 | 24960.00 |
| 105 | Providing and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no.909) (KPWD SR 2016-17) | | | | | | | | | |
| | | Rmt | 2 | 6.00 | | | | 12.00 | | |
| | | | | | | | Total Qty | 12.00 | 2873.00 | 34476.00 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 106 | Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of ~~wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric~~ resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends | | | | | | | | | |
| | | Rmt | 1 | 50.00 | | | | 50.00 | | |
| | | | | | | | Total Qty | 50.00 | 1465.00 | 73250.00 |
| 107 | Providing 175mm Dia M.S. Collar (P.No.iii,I.No.86) PRED SR 2012-13 | | | | | | | | | |
| | | No | 8 | | | | | 8.00 | | |
| | | | | | | | Total Qty | 8.00 | 166.00 | 1328.00 |
| 108 | Providing 175mm dia Bore Cap CE (M) (P.No.iii,I.No.85) PRED SR 2012-13 | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 111.00 | 111.00 |
| 109 | Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) (Pg No. XLI. Sl.no.29) KPWD SR-2018-19 | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 55201.00 | 55201.00 |
| 110 | Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Specification No. | | | | | | | | | |
| | | Rmt | 1 | 370.00 | | | | 370.00 | | |
| | | | | | | | Total Qty | 370.00 | 455.00 | 168350.00 |
| 111 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC | | | | | | | | | |
| | Add 5mts for Switching | Rmt | 2 | 375.00 | | | | 750.00 | | |
| | | | | | | | Total Qty | 750.00 | 141.00 | 105750.00 |
| 112 | Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications.(PWD SR 18-19,P-95/It no.13.62) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 1487.00 | 1487.00 |
| 113 | Spplying and fixing 50mm GI Union.(PWD SR 2018-19,P-XXXIX) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 248.00 | 248.00 |
| 114 | Spplying and fixing 50mm GI Elbow.(PWD SR 2018-19,P-XXXIX) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 124.00 | 124.00 |
| 115 | Spplying and fixing 50mm GI Nipple.(PWD SR 2018-19,P-XXXIX) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 116.00 | 116.00 |
| 116 | Spplying and fixing 50mm GI Hose colleres(PWD SR 2018-19,P-XXXIX) | | | | | | | | | |
| | | No | 62 | | | | | 62.00 | | |
| | | | | | | | Total Qty | 62.00 | 114.00 | 7068.00 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 117 | Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank ~~on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall~~ using tapered inverted wooden plugs screws etc., P.no.44 / I no. 6.6.6 KPWD ELE SR 2019-20 | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 334.00 | 334.00 |
| 118 | Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.(PWD Ele SR 2019-20,P- | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 2140.00 | 2140.00 |
| 119 | Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps (PWD Ele SR 2019-20,P-24,It-5.5.1) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 1989.00 | 1989.00 |
| 120 | Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC(PWD Ele SR 2019-20,p-29,Sl no.5.38) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 476.00 | 476.00 |
| 121 | Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 7072.00 | 7072.00 |
| 122 | Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.(PWD Ele SR 2019-20,p-44/Sl no.5.3) | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 824.00 | 824.00 |
| 123 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm (PWD Ele SR 2019-20,p-6,It-2.3.4(d) | | | | | | | | | |
| | | Mtrs | 1 | 20.00 | | | | 20.00 | | |
| | | | | | | | Total Qty | 20.00 | 50.00 | 1000.00 |
| 124 | Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.(PWD Ele SR 2019-20,p-29/Sl no.5.37) | | | | | | | | | |
| | | No | 4 | | | | | 4.00 | | |
| | | | | | | | Total Qty | 4.00 | 442.00 | 1768.00 |
| 125 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | |
| | | | | | | | Total Qty | 1.00 | 3315.00 | 3315.00 |
| 126 | Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete (PWD Ele SR 2019-20,p-41,It-6.6.2) hard soil | | | | | | | | | |
| | | Mtrs | 1 | 8.00 | | | | 8.00 | | |
| | | | | | | | Total Qty | 8.00 | 113.00 | 904.00 |
| 127 | Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (excep 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with | | | | | | | | | |
| | | Mtrs | 1 | 10.00 | | | | 10.00 | | |
| | | | | | | | Total Qty | 10.00 | 166.00 | 1660.00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm(PWD Ele SR 2019-20,p-41,It-6.5.1) | | | | | | | | | | |
| | | No | 1 | 25.00 | | | | 25.00 | | | |
| | | | | | | | Total Qty | 25.00 | 14.00 | 350.00 | |
| 129 | Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm(PWD Ele SR 2019-20,p-41,It-6.9.1) | | | | | | | | | | |
| | | Rmt | 1 | 2.00 | | | | 2.00 | | | |
| | | | | | | | Total Qty | 2.00 | 371.00 | 742.00 | |
| 130 | Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications.(PWD Ele SR 2019-20,p-42,It-6.10.2) | | | | | | | | | | |
| | | No | 1 | | | | | 1.00 | | | |
| | | | | | | | Total Qty | 1.00 | 299.00 | 299.00 | |
| 131 | Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps(PWD Ele SR 2019-20,p-25,It-5.7.3) | | | | | | | | | | |
| | | No | 3 | | | | | 3.00 | | | |
| | | | | | | | Total Qty | 3.00 | 251.00 | 753.00 | |
| 132 | Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable | | | | | | | | | | |
| | | | | | | | | 16.02 | 1053.00 | | |
| 133 | Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil | | | | | | | | | | |
| | | | | | | | | 24.03 | 526.00 | | |
| 134 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints | | | | | | | | | | |
| | | | | | | | | 78.00 | 507.00 | | |
| 135 | Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications. (P.No.93/ I.No. 13.20 of | | | | | | | | | | |
| | | | | | | | | 10.00 | 566.00 | | |
| 136 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & | | | | | | | | | | |
| | | | | | | | | 110.00 | 184.00 | | |
| 137 | Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of | | | | | | | | | | |
| | | | | | | | | 250.00 | 152.00 | | |
| 138 | KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications.(KPWD SR 2018-19, P-7, it- | | | | | | | | | | |
| | | | | | | | | 16.82 | 142.00 | | |
| 139 | Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 | | | | | | | | | | |
| | | | | | | | | 402.27 | 107.00 | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality ~~(screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments~~ with all leads complete as per specifications. (P.No.94/ I.No. 13.37 of KPWD SR 2018-19) | | | | | | | | | | |
| | | | | | | | | | 1.00 | 2037.00 | |
| 141 | KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (Pg No:-93/I.No:-13.26 of KPWD SR 2018-19 | | | | | | | | | | |
| | | | | | | | | | 10.00 | 166.00 | |
| 142 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 | | | | | | | | | | |
| | | | | | | | | | 12.02 | 5976.00 | |
| EIRL 1 | Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary | | | | | | | | | | |
| | 19/20mm Dia 2mm | Mtr | 1 | 1 | 440 | | | | 440.00 | | |
| | | Mtr | 1 | 1 | 440 | | | | 440.00 | | |
| | | | | | Total Qty Work Done | | | | 880.00 | 43.32 | 38121.60 |
| | 25mmdia 2mm | Mtr | 1 | 1 | 250 | | | | 250.00 | | |
| | | Mtr | 1 | 1 | 250 | | | | 250.00 | | |
| | | | | | Total Qty Work Done | | | | 500.00 | 57.40 | 28699.50 |
| EIRL 2 | Groove Cutting in Walls Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary | | | | | | | | | | |
| | 19/20mm Dia 2mm thick | Mtr | 1 | 1 | 115 | | | | 115.00 | | |
| | 19/20mm Dia 2mm thick | Mtr | 1 | 1 | 115 | | | | 115.00 | | |
| | | | | | | | | | 230.00 | 55.23 | 12703.59 |
| | 25mmdia 2mm thick | Mtr | 1 | 1 | 60 | | | | 60.00 | | |
| | | Mtr | 1 | 1 | 60 | | | | 60.00 | | |
| | | | | | | | | | 120.00 | 58.48 | 7017.84 |
| EIRL 3 | Supplying And Fixing Metal Fan Box with Round Hook. | | | | | | | | | | |
| | Ground Floor | Nos | 1 | 18 | | | | | 18.00 | | |
| | First Floor | Nos | 1 | 18 | | | | | 18.00 | | |
| | | | | | Total Qty Work Done | | | | 36.00 | 92.06 | 3313.98 |
| EIRL 4 | KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. ---- The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work Ground Floor | | | | | | | | | | |
| | Ground Floor | Nos | 1 | 11 | | | | | 11.00 | | |
| | First Floor | Nos | 1 | 10 | | | | | 10.00 | | |
| | | | | | Total Qty Work Done | | | | 21.00 | 1597.73 | 33552.33 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| EIRL 5 | KSRB 15.9 Providing and fixing Corner beads 45x45mm size manufactured out of hot dipped ~~galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along~~ route of walls,columns,lintels including cost of materials, labour for fixing complete as per specifications. ( length of mesh only be measured for payment ) —— The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work | | | | | | | | | | |
| | **Ground Floor Inside Building** | | | | | | | | | | |
| | Office Room 1 &2 | Mtr | 2 | 1 | 2.4 | | | 4.80 | | | |
| | | Mtr | 2 | 1 | 6.32 | | | 12.64 | | | |
| | | Mtr | 2 | 2 | 1.6 | | | 6.40 | | | |
| | | Mtr | 2 | 8 | | | 2.95 | 47.20 | | | |
| | | Mtr | 2 | 1 | 6.85 | | | 13.70 | | | |
| | | Mtr | 2 | 1 | 2.4 | | | 4.80 | | | |
| | | Mtr | 2 | 1 | 4.25 | | | 8.50 | | | |
| | Room 6,7 | Mtr | 2 | 6 | | | 2.95 | 35.40 | | | |
| | | Mtr | 2 | 1 | 6.17 | | | 12.34 | | | |
| | | Mtr | 2 | 1 | 4.61 | | | 9.22 | | | |
| | | Mtr | 2 | 1 | 3.65 | | | 7.30 | | | |
| | | Mtr | 2 | 2 | 1.6 | | | 6.40 | | | |
| | | Mtr | 2 | 1 | 3.57 | | | 7.14 | | | |
| | Room 1,2,3,4,5,6 | Mtr | | | | | | | | | |
| | | Mtr | 6 | 6 | | | 2.95 | 106.20 | | | |
| | | Mtr | 6 | 1 | 6.2 | | | 37.20 | | | |
| | | Mtr | 6 | 2 | 5.4 | | | 64.80 | | | |
| | Landscape | Mtr | 1 | 4 | | | 2.95 | 4.00 | | | |
| | | Mtr | 1 | 2 | 6 | | | 12.00 | | | |
| | | Mtr | 1 | 2 | 4.1 | | | 8.20 | | | |
| | **First FloorInside Building** | | | | | | | | | | |
| | Office Room 1 &2 | Mtr | 2 | 1 | 2.4 | | | 4.80 | | | |
| | | Mtr | 2 | 1 | 6.32 | | | 12.64 | | | |
| | | Mtr | 2 | 2 | 1.6 | | | 6.40 | | | |
| | | Mtr | 2 | 8 | | | 2.95 | 47.20 | | | |
| | | Mtr | 2 | 1 | 6.85 | | | 13.70 | | | |
| | | Mtr | 2 | 1 | 2.4 | | | 4.80 | | | |
| | | Mtr | 2 | 1 | 4.25 | | | 8.50 | | | |
| | Room 6,7 | Mtr | 2 | 6 | | | 2.95 | 35.40 | | | |
| | | Mtr | 2 | 1 | 6.17 | | | 12.34 | | | |
| | | Mtr | 2 | 1 | 4.61 | | | 9.22 | | | |
| | | Mtr | 2 | 1 | 3.65 | | | 7.30 | | | |
| | | Mtr | 2 | 2 | 1.6 | | | 6.40 | | | |
| | | Mtr | 2 | 1 | 3.57 | | | 7.14 | | | |
| | Room 1,2,3,4,5,6 | Mtr | | | | | | | | | |
| | | Mtr | 6 | 6 | | | 2.95 | 106.20 | | | |
| | | Mtr | 6 | 1 | 6.2 | | | 37.20 | | | |
| | | Mtr | 6 | 2 | 5.4 | | | 64.80 | | | |
| | Landscape | Mtr | 1 | 4 | | | 2.95 | 4.00 | | | |
| | | Mtr | 1 | 2 | 6 | | | 12.00 | | | |
| | | Mtr | 1 | 2 | 4.1 | | | 8.20 | | | |
| | | | | | **Total Qty Work Done** | | | 816.48 | 32.75 | 26739.65 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| EIRL 6 | KSRB 15.8.2 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped ~~galvanised iron of nominal thickness~~ 0.35mm ~~with a zinc coating of 120gms per sqm width~~, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications,The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work | | | | | | | | | |
| | **Ground Floor Inside Building** | | | | | | | | | |
| | Enterence Lobby | | | | | | | | | |
| | | M | 1 | 2 | 3.5 | | | 7.00 | | |
| | Passage | | | | | | | | | |
| | A'6,A'7 to N'6,N7 | | | | | | | | | |
| | | M | 1 | 2 | 2.15 | | | 4.30 | | |
| | | M | 6 | 1 | 5.4 | | | 32.40 | | |
| | | M | 2 | 1 | 1.3 | | | 2.60 | | |
| | | M | 2 | 1 | 6.85 | | | 13.70 | | |
| | | M | 2 | 1 | 6.17 | | | 12.34 | | |
| | Room 1,2,3,4,5,6 | M | 1 | 1 | 4.1 | | | 4.10 | | |
| | | M | 6 | 1 | 6.2 | | | 37.20 | | |
| | | M | 6 | 2 | | 2.95 | | 35.40 | | |
| | **First Floorinside Building** | | | | | | | | | |
| | Enterence Lobby | | | | | | | | | |
| | | M | 1 | 2 | 3.5 | | | 7.00 | | |
| | Passage | | | | | | | | | |
| | A'6,A'7 to N'6,N7 | | | | | | | | | |
| | | M | 1 | 2 | 2.15 | | | 4.30 | | |
| | | M | 6 | 1 | 5.4 | | | 32.40 | | |
| | | M | 2 | 1 | 1.3 | | | 2.60 | | |
| | | M | 2 | 1 | 6.85 | | | 13.70 | | |
| | | M | 2 | 1 | 6.17 | | | 12.34 | | |
| | | M | 1 | 1 | 4.1 | | | 4.10 | | |
| | Room 1,2,3,4,5,6 | | | | | | | | | |
| | | M | 6 | 1 | 6.2 | | | 37.20 | | |
| | | M | 6 | 2 | | 2.95 | | 35.40 | | |
| | | | | | **Total Qty Work Done** | | | 298.08 | 36.26 | 10808.04 |
| | | | | | | | | **Total Amount** | | 18354819.87 |

modified

**TECHNICAL SANCTION**

Rs: 1,83,54,819/- (Rupees One crore Eighty three lakhs fifty four thousand Eight hundred nineteen only) is accorded under the head.

By CE(H.R.N.) vide No. 112/1/20-21 dated 31.12.2020 subject to conditions contained in ancillary memo No: 112/1/20-21 dated 31.12.2020

CE (H.R.N.)

**CERTIFICATE**

1) Certified that the Estimate prepared with necessary provisions as Per site conditions.
2) Certified that the estimate is prepared on the basis of PW,P & IWTD Bangalore Circle, for the year 2018-19 and Data
3) Certified that the above area comes under BBMP limits

Assitant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub Division
BBMP

Executive Engineer
Rajarajeshwari Nagar Division
BBMP

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